

Product Specification Sheet

JM-S02

JM-S02 is a cost effective, controlled swelled non-asbestos sealing materials. Its composition is comprised of a high-quality styrene butadiene rubber binder, fibrillated synthetic fibers, and specially selected inorganic fillers. This product is designed for sealing lubricant oil, fuel and water media. Materials can be vulcanized or not vulcanized according to customer's applications. The maximum operating temperature for short duration is 300C.

Recommend applications: Small Engines, Compressors, Gasoline and Diesel Engines.

Product Gauges: 0.3 -1.5mm

Property Specifications:

Property	Unit	Value	Test Method
Density	g/cm ³	≥ 1.3	ASTM F1315
Tensile Strength, AMD	MPa	≥ 12	ASTM F152
Compressibility (34.5 MPa)	%	≥ 13.0	ASTM F36
Recovery	%	≥ 45	ASTM F36
Fluid Immersion, IRM903Oil (150°C×5h)			ASTM F146
Tensile after immersion	MPa	≥ 7.0	
Weight Change	%	≤ 45	
Thickness Change	%	15 - 35	
Fluid Immersion, Fuel B (21-30 °C)×5h			ASTM F146
Weight Change	%	≤ 35	
Thickness Change	%	15 - 35	

Remark: The description and performance data provided herein constitutes material specifications for quality control purposes, but do not imply suitability for use in a specific application. Your specific application should not be undertaken without independent study and evaluation for suitability. Failure to select a proper sealing product may result in either property damage or personal injury. For questions regarding specific applications, contact Junma Sealing Technology, Inc. for assistance.